

Work Order I 151213***151213***

Wednesday, September 14, 2016

Page 1

Item ID:	Revision ID:				
Item Name:					
Draw Nbr:	Start Date: 9/14/2016 2:4	Start Qty: 1.00	* 1 *		
Revision Nbr	Required Date: 9/21/2016	Reqd Qty: 1.00	* 1 *		
Reference: ECN 16-641	Cust Item ID:		Customer ID:		
Description: Update paperwork as per ECN 16-641 D117-837-111 B146652 x 1			Sales Order:		
Approvals:	Process Plan: <u>em</u>	Date: <u>16/09/14</u>	Tooling:	Date:	
	QC:	Date:	SPC (Y/N):	Date:	

Sequence ID	Work Center ID	Operation Description	Hours		Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
			Set Up	Run							

28
9-89

SEP 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐						
Date : _____		Step #: _____		QTY Effective : _____		MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				
								Completed By
								Lead hand / Supervisor Approval Verification
								QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY						
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐			
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐			
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐			
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐			
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐			
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐			
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐			
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐			
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐			
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	Past Due ☐							

List Lots

Page 1 of 1

Wednesday, September 14, 2016 2:41:12 PM

Criteria : Item ID: 'D117-837-011', 'D117-837-011BK', 'D117-837-111' All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		

D117-837-111	Main Warehouse	146652	7/25/2016	1.0000	QC21	CHG003	
BK117 Basket Mounting Provisions	FG039						

F9034

Total: 1.0000

28
9-89

SEP 16 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 16.09.14	Job No.:	ADR Yes/No: N	ADR Date:	ECN #: 16- 641
Product No.: D117-837		Created By: KJ	Approved By: 	
Product Name: Heli-Utility Basket		Checked By:		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	N	DM	
Production Manager / Coord.	Y	MP / MF	
Purchasing Manager / Purchasing Coord.	N	LL / CL	
Production Engineering Coord.	N	DD / JLM	
Production Engineering Coord.	N	DL	
Customer Order Processing	N	SL / BG	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS / ED	
QC Coordinator	Y	PD	
Customer Support	Y	SW / LM	
Customer Technical Support	Y	MB / HS	16.09.14
Marketing	Y	SL / WR	
Dist. Management Coord.	Y	HM	

Reason for Change:

STC revision was required to eliminate the BK117C2 model because our basket is not compatible with the BK117C2 model

Documents Affected:

Release FAA STC: SR03353NY dated 16.08.05

IF APPLICABLE: NCR: _____ PAR: _____ CAR: _____ CIR: _____ URF: _____

PAPERWORK UPDATE ☒ PARTS MUST COMPLY ☐ PREVIOUS PARTS SATISFACTORY ☐

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3	Notify Augusta Westland	N			
4	Manufacturing Licensing Agreement Update	N			

#	Engineering Actions	Reqd	Resp	Notes	Complete
5	Required Documents/Drawings/Item ID's Under Review (URF)	N			
6	Update Master Document List (MDL)	N			
7	Update Document Record (DR)	N			
8	Update Product Compatibility Matrix	N			
9	Notify TC / FAA of Change (eg. ICA, 8110-3)	N			
10					

#	Document Control Actions	Reqd	Resp	Notes	Complete
11	Move / Update Electronic Files / Design Journal	N			
12	Update Product Specification Files (Bluefiles)	Y	KJ		16.09.14 
13	Update Approved/Preliminary Dwg PDF Files	N			
14	Update Product Development Summary (STC applications)	Y	KJ		16.09.14 
15	Update QSI 021 (TC/FAA STC) and/or STC Approval List	Y	KJ		16.09.14 
16	Create/Update Parts / STC Database	Y	KJ		16.09.14 
17	Update / Verify Airworthiness Release Certificate Database	N		#158	
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update Packaging Process Plan (PPP)	N			
20	Red Decals required on Packaging Process Plan (PPP)?	N			
21	Update Controlled Supplier Documents (Qpulse) Database	N			
22	Update Grey Project Binder / Electronic Project Folder	Y	KJ		16.09.14 
23	Update D-Part / M-Drawing / DSI / DEO Master Binders	N			
24	Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's)	N			
25					

Description / Action:

Please add this STC to all kits in stock and in progress.

D117-837-011 = 0 stk
D117-837-011BK = 0 stk
D117-837-013 = 0 stk
D117-837-111 = 1 stk

w/o 151213

ECN Verified & Complete: _____ Date: _____